## אומגה

אומגה omega 3 / מרווה מרושתת לנשים בהריון ולילדים - אקוסאפ www.ecosupp.co.il/omega-3/ - Translate this page אומגה 3 (3 Omega) היא חומצת שומן חיונית לבניית כל תא בגוף ולתפקודו. חשיבותה גבוהה במיוחד במוח, בלב, בכלי הדם, במערכת החיסונית ובשלד. למעשה מדובר בחומצת שומן שהגוף ... מושב בטיחות Safety 1st Alpha Omega Elite אלפא אומגה ... - זאפ www.zap.co.il > השוואת מחירים כoאות בטיחות לרכב י ילדים - Translate this page
 באתר zap השוואת מחירים תמצאו את כל הכלים לצרכנות נבונה: חוות דעת, סקירות,
אומגה ו'סאז' - אומגה ו'סאז'
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אזמגה ויסאג' היא יצרנית ומשווקת מוצרי אֲמגה 3 מצמח מרווה מרושתת. ... כיו"ר הדירקטוריון של יצרנית תוספי המזון Omega Visage העומדת בחזית הטכנולוגית, גיא הוא עצמו ספורטאי ...

## Omega

Omega is an Ascended Master of the Great Central Sun. Along with her twin flame Alpha - they personify the Mother / Father God. Omega is the quintessential goddess / feminine energy. They are here to help us with union - union within ourselves, union with our own twin flame and also union with form and spirit as exists between our own Christ and with our incarnation in form. She helps with the Love aspect of the Twin flame relationship.

Both these Masters are for those actively seeking their own twin flame, or have found them. For these Masters will help bring the twin relationship into harmony. I suggest if you are getting an Omega portal for yourself you also get an Alpha portal for your twin flame - for balance.

She says "To be at One with yourself you must be at One with your twin."
Omega's aura is a column of light and dark gold. To the right is a cross section of the column of Omega's aura.

Omega is working with the Ascended Master Jesus, at this time.
http://www.alphaimaging.co.nz/Masters.htm\#aloha

## أُوْ مَبْجَا

سديم أوميجا - ويكيبيديا، الموسو عة الحرة
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... Alpha and Omega 3- آلفا و امگا 3: مسابقات بزرگ گرگیا

 2014 - ديلّه فارسى + زيان اصلى با زيرنويسِ فارسى - كَفِّت عالى ...
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 this. Pastor : Torsten Morstein.
قرص مكمل omega امڭا 3جيست - سلامت - آكااير ان tandorosti.akairan.com/.../20\%cloكم20\%



## Omega

From Wikipedia, the free encyclopedia
Omega (capital: $\boldsymbol{\Omega}$, lowercase: $\boldsymbol{\omega}$; Greek $\Omega \mu \varepsilon ́ \gamma \alpha$ ) is the 24 th and last letter of the Greek alphabet. In the Greek numeric system, it has a value of 800 . The word literally means "great O " ( $\bar{o}$ mega, mega meaning 'great'), as opposed to omicron, which means "little O " (o mikron, micron meaning "little"). ${ }^{[1]}$ This name is Byzantine; in Classical Greek, the letter was called $\bar{o}(\tilde{\omega})$, whereas

Look up $\boldsymbol{\Omega}$ or $\boldsymbol{\omega}$ in Wiktionary, the free dictionary. the omicron was called ou (oṽ). ${ }^{[2]}$ The form of the uppercase letter derives from that of an omicron (O) broken up at the side ( $\Omega$ ), with the edges subsequently turned outward $(\Omega, \Omega, \Omega){ }^{[3]}$ The modern lowercase shape goes back to the uncial form $\mathbf{C}$, a form that developed during the 3 rd century BC in ancient handwriting on papyrus, from a flattened-out form of the letter $(\Omega)$ that had its edges curved even further upward. ${ }^{[4]}$

In phonetic terms, the Ancient Greek $\Omega$ is a long open-mid $o$ [ $0:$ ], comparable to the vowel of British English raw. In Modern Greek, $\Omega$ represents the same sound as omicron. The letter omega is transcribed $\bar{o}$ or simply $o$.

In addition to the Greek alphabet, Omega was also adopted into the early Cyrillic alphabet. See Cyrillic omega (GD, w). A Raetic variant is conjectured to be at the origin or parallel evolution of the Elder Futhark $\hat{\mathbf{x}}$. Omega was also adopted into the Latin alphabet, as a letter of the 1982 revision to the African reference alphabet. It has had little use. See Latin omega.

As the last letter of the Greek alphabet, Omega is often used to denote the last, the end, or the ultimate limit of a set, in contrast to alpha, the first letter of the Greek alphabet. Omega is also used in Christianity, as a part of the Alpha and Omega metaphor.

## Contents

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## The symbol $\Omega$ (uppercase letter)

The uppercase letter $\Omega$ is used as a symbol:

- In chemistry:
- For oxygen-18, a natural, stable isotope of oxygen. ${ }^{[5]}$
- In physics:
- For ohm - SI unit of electrical resistance; formerly also used upside down (U) to represent mho, the old name for the inverse of an ohm (now siemens with symbol S) used for electrical conductance. Unicode has a separate code point for the ohm sign $(\mathrm{U}+2126, \Omega)$, but it is included only for backward compatibility, and the Greek uppercase omega character ( $\mathrm{U}+03 \mathrm{~A} 9, \Omega$ ) is preferred. ${ }^{[6]}$
- In statistical mechanics, $\Omega$ refers to the multiplicity (number of microstates) in a system.
- The solid angle or the rate of precession in a gyroscope.
- In particle physics to represent the Omega baryons.
- In astronomy (cosmology), $\Omega$ refers to the density of the universe, also called the density parameter.
- In astronomy (orbital mechanics), $\Omega$ refers to the longitude of the ascending node of an orbit
- In mathematics and computer science:
- In complex analysis, the Omega constant, a solution of Lambert's W function
- A variable for a 2-dimensional region in calculus, usually corresponding to the domain of a double integral.
- In topos theory, the (codomain of the) subobject classifier of an elementary topos.
- In combinatory logic, the looping combinator, $(\lambda x . x x)(\lambda x . x x)$
- In group theory, the omega and agemo subgroups of a $p$-group, $\Omega(G)$ and $\mho(G)$
- In statistics, it is used as the symbol for the sample space, or total set of possible outcomes.
- In number theory, $\Omega(n)$ is the number of prime divisors of $n$.
- in notation related to Big O notation to describe the asymptotic behavior of functions.
- Chaitin's constant.
- As part of logo or trademark:
- The logo of Omega Watches SA.
- Part of the Badge of the Supreme Court of the United Kingdom.
- Part of the mission patch for STS-135, as it was the last mission of the Space Shuttle program.
- The logo of the God of War video game series based on Greek mythology.
- The logo of E-123 Omega, a Sonic the Hedgehog character.
- The logo of the Heroes of Olympus series, based on Greek mythology.
- the logo of the Ultramarines in Warhammer 40,000
- The logo of Primal Groudon, the version mascot of Pokémon Omega Ruby.
- Other
- The symbol of the resistance movement against the Vietnam-era draft
- Year or date of death
- Used to refer to the lowest-ranked wolf in a pack
- In eschatology, the symbol for the end of everything
- In molecular biology, the symbol is used as shorthand to signify a genetic construct introduced by a two-point crossover


## The symbol $\omega$ (lower case letter)

The minuscule letter $\omega$ is used as a symbol:

- Biochemistry and chemistry:
- Denotes the carbon atom furthest from the carboxyl group of a fatty acid
- In biochemistry, for one of the RNA polymerase subunits
- In biochemistry, for the dihedral angle associated with the peptide group, involving the backbone atoms $\mathrm{C} \alpha-\mathrm{C}^{\prime}-\mathrm{N}-\mathrm{C} \alpha$
- In genomics, as a measure of evolution at the protein level (also denoted as $\mathrm{d}_{\mathrm{N}} / \mathrm{d}_{\mathrm{S}}$ or $\mathrm{K}_{\mathrm{a}} / \mathrm{K}_{\mathrm{s}}$ ratio)
- Physics
- Angular velocity or angular frequency
- In computational fluid dynamics, the specific turbulence dissipation rate
- In meteorology, the change of pressure with respect to time of a parcel of air
- In circuit analysis and signal processing to represent natural frequency, related to frequency $f$ by $\omega=2 \pi f$
- In astronomy, as a ranking of a star's brightness within a constellation
- In orbital mechanics, as designation of the argument of periapsis of an orbit
- In particle physics to represent the omega meson
- Computer science:
- In notation related to Big O notation, the asymptotically dominant nature of functions
- In relational database theory to represent NULL, a missing or inapplicable value
- Mathematics:
- The first transfinite ordinal number, often identified with the set of natural numbers including 0 (sometimes written $\omega_{0}$ )
- In set theory, the first uncountable ordinal number (more commonly written as $\omega_{1}$ )
- The complex cube roots of 1
- The Wright Omega function
- A generic differential form
- In number theory, $\omega(n)$ is the number of distinct prime divisors of $n$
- In number theory, an arithmetic function
- In combinatory logic, the self-application combinator, ( $\lambda \times x \times x)$
- In mathematical/options finance, the elasticity of financial options
- In analytical investment management, the tracking error of an investment manager
- Other:
- Used in place of ん in Japanese typing shorthand.
- In linguistics, the phonological word
- In textual criticism, the archetype of a manuscript tradition
- In sociology, used to refer to the lowest ranking member of a group


## Character encodings

- Greek Omega / Coptic Oou

| Character | $\Omega$ |  | $\omega$ |  | $\omega$ |  | $\omega$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unicode name | GREEK CAPITAL LETTER OMEGA |  | Greek small letter omega |  | COPTIC CAPITAL LETTER OOU |  | COPTIC SMALL LETTER OOU |  |
| Encodings | decimal | hex | decimal | hex | decimal | hex | decimal | hex |
| Unicode | 937 | U+03A9 | 969 | U+03C9 | 11440 | $\mathrm{U}+2 \mathrm{CB} 0$ | 11441 | $\mathrm{U}+2 \mathrm{CB} 1$ |
| UTF-8 | 206169 | CE A9 | 207137 | CF 89 | 226178176 | E2 B2 B0 | 226178177 | E2 B2 B1 |
| Numeric character reference | \&\#937; | \&\#x3A9; | \&\#969; | \& $\# \mathrm{x} 3 \mathrm{C}$; | \&\#11440; | \& ${ }^{\text {x } 2 \mathrm{CB} 0}$; | \&\#11441; | \&\#x2CB1; |
| Named character reference | \Ω |  | \ω |  |  |  |  |  |
| DOS Greek | 151 | 97 | 224 | E0 |  |  |  |  |
| DOS Greek-2 | 213 | D5 | 250 | FA |  |  |  |  |
| Windows 1253 | 217 | D9 | 249 | F9 |  |  |  |  |
| TeX | \Omega |  | lomega |  |  |  |  |  |

[7]

- Cyrillic Omega

| Character | G |  | W |  | W |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unicode name | CYRILLIC CAPITAL LETTER OMEGA |  | CYRILLIC SMALL LETTER OMEGA |  | COMBINING CYRILLIC LETTER OMEGA |  |
| Encodings | decimal | hex | decimal | hex | decimal | hex |
| Unicode | 1120 | U+0460 | 1121 | U+0461 | 42619 | U+A67B |
| UTF-8 | 209160 | D1 A0 | 209161 | D1 A1 | 234153187 | EA 99 BB |
| Numeric character reference | \&\#1120; | \&\#x460; | \&\#1121; | \&\#x461; | \&\#42619; | \&\#xA67B; |


| Character | 0 |  | 0 |  | C) |  | $\omega$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unicode name | CYRILLIC CAPITAL LETTER ROUND OMEGA |  | CYRILLIC SMALL LETTER ROUND OMEGA |  | CYRILLIC CAPITAL LETTER BROAD OMEGA |  | CYRILLIC SMALL LETTER BROAD OMEGA |  |
| Encodings | decimal | hex | decimal | hex | decimal | hex | decimal | hex |
| Unicode | 1146 | U+047A | 1147 | U+047B | 42572 | U+A64C | 42573 | U+A64D |
| UTF-8 | 209186 | D1 BA | 209187 | D1 BB | 234153140 | EA 998 C | 234153141 | EA 998 D |
| Numeric character reference | \&\#1146; | \&\#x47A; | \&\#1147; | \&\#x47B; | \&\#42572; | \&\#xA64C; | \&\#42573; | \&\#xA64D; |

- Latin / IPA Omega

| Character | $\boldsymbol{C}$ |  |
| :--- | ---: | ---: |
| Unicode name | Latin SMALL LETTER CLOSED OMEGA |  |
| Encodings | decimal | hex |
| Unicode | 631 | U+0277 |
| UTF-8 | 201183 | C9 B7 |
| Numeric character reference | $\& \# 631 ;$ | $\& \# x 277 ;$ |

- Technical Omega symbols

| Character | $\omega$ |  | $\underline{\omega}$ |  | $\boldsymbol{\Omega}$ |  | $\circlearrowright$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unicode name | APL FUNCTIONAL SYMBOL OMEGA |  | APL FUNCTIONAL SYMBOL OMEGA UNDERBAR |  | OHM SIGN |  | INVERTED OHM SIGN |  |
| Encodings | decimal | hex | decimal | hex | decimal | hex | decimal | hex |
| Unicode | 9077 | U+2375 | 9081 | U+2379 | 8486 | U+2126 | 8487 | U+2127 |
| UTF-8 | 226141181 | E2 8D B5 | 226141185 | E2 8D B9 | 226132166 | E2 84 A6 | 226132167 | E2 84 A7 |
| Numeric character reference | \&\#9077; | \&\#x2375; | \&\#9081; | \&\#x2379; | \&\#8486; | \&\#x2126; | \&\#8487; | \&\#x2127; |

- Mathematical Omega

| Character | $\Omega$ |  | $\omega$ |  | $\Omega$ |  | $\omega$ |  | $\Omega$ |  | $\omega$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unicode name | MATHEMATICAL BOLD <br> CAPITAL OMEGA |  | MATHEMATICAL BOLD SMALL OMEGA |  | MATHEMATICAL ITALIC <br> CAPITAL OMEGA |  | MATHEMATICAL ITALIC <br> SMALL OMEGA |  | MATHEMATICAL BOLD ITALIC CAPITAL OMEGA |  | MATHEMATICAL BOLD ITALIC SMALL OMEGA |  |
| Encodings | decimal | hex | decimal | hex | decimal | hex | decimal | hex | decimal | hex | decimal | hex |
| Unicode | 120512 | U+1D6C0 | 120538 | U+1D6DA | 120570 | U+1D6FA | 120596 | U+1D714 | 120628 | U+1D734 | 120654 | U+1D74E |
| UTF-8 | 240157 | F0 9D | 240157 | F0 9D | 240157 | F0 9D | 240157 | F0 9D | 240157 | F0 9D | 240157 | F0 9D |
|  | 155128 | 9B 80 | 155154 | 9B 9A | 155186 | 9 BBA | 156148 | 9C 94 | 156180 | $9 \mathrm{CB4}$ | 157142 | 9D 8E |
| UTF-16 | 55349 | D835 | 55349 | D835 | 55349 | D835 | 55349 | D835 DF14 | 55349 | D835 DF34 | 55349 | D835 DF4E |
|  | 57024 | DEC0 | 57050 | DEDA | 57082 | DEFA | 57108 | D835 DF14 | 57140 | D835 DF34 | 57166 | D835 DF4E |
| Numeric character reference | \&\#120512; | \&\#x1D6C0; | \&\#120538; | \&\#x1D6DA; | \&\#120570; | \&\#x1D6FA; | \&\#120596; | \&\#x1D714; | \&\#120628; | \&\#x1D734; | \&\#120654; | \&\#x1D74E; |


| Character | $\Omega$ |  | $\omega$ |  | $\boldsymbol{\Omega}$ |  | $\boldsymbol{\omega}$ |  | 6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unicode name | MATHEMATICAL SANS-SERIF BOLD CAPITAL OMEGA |  | MATHEMATICAL SANS-SERIF BOLD SMALL OMEGA |  | MATHEMATICAL SANS-SERIF bOLD ITALIC CAPITAL OMEGA |  | MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMEGA |  | MATHEMATICAL SANS-SERIF BOLD ITALIC P.OOO OMEGA |  |
| Encodings | decimal | hex | decimal | hex | decimal | hex | decimal | hex | decimal | hex |
| Unicode | 120686 | U+1D76E | 120712 | U+1D788 | 120744 | U+1D7A8 | 120770 | U+1D7C2 | 120788 | U+1D7D4 |
| UTF-8 | $\begin{aligned} & 240157 \\ & 157174 \end{aligned}$ | $\begin{gathered} \text { F0 9D } \\ \text { 9D AE } \end{gathered}$ | $\begin{aligned} & 240157 \\ & 158136 \end{aligned}$ | $\begin{array}{r} \text { F0 9D } \\ 9 \mathrm{E} 88 \end{array}$ | $\begin{aligned} & 240157 \\ & 158168 \end{aligned}$ | $\begin{aligned} & \text { F0 9D } \\ & 9 \mathrm{E} \mathrm{A8} \end{aligned}$ | $\begin{aligned} & 240157 \\ & 159130 \end{aligned}$ | $\begin{array}{r} \text { F0 9D } \\ 9 \mathrm{~F} 82 \end{array}$ | $\begin{aligned} & 240157 \\ & 159148 \end{aligned}$ | $\begin{array}{r} \text { F0 9D } \\ \text { 9F } 94 \end{array}$ |
| UTF-16 | 5534957198 | D835 DF6E | 5534957224 | D835 DF88 | 5534957256 | D835 DFA8 | 5534957282 | D835 DFC2 | 5534957300 | D835 DFD4 |
| Numeric character reference | \&\#120686; | \&\#x1D76E; | \&\#120712; | \&\#x1D788; | \&\#120744; | \&\#x1D7A8; | \&\#120770; | \&\#x1D7C2; | \&\#120788; | \&\#x1D7D4; |

These characters are used only as mathematical symbols. Stylized Greek text should be encoded using the normal Greek letters, with markup and formatting to indicate text style.

## Notes

1. The Greek Alphabet (http://www.quinapalus.com/gr0.1.html)
2. Herbert Weir Smyth. A Greek Grammar for Colleges. §1
3. Anne Jeffery (1961), The local scripts of archaic Greece, p.37-38.
4. Edward M. Thompson (1912), Introduction to Greek and Latin paleography, Oxford: Clarendon. p. 144
5. http://www.cedex.es/NR/rdonlyres/B8A9522A-5D6F-4675-921A-24BB8458187B/124720/Capilla_et_al_geoENV_2012_Valencia_Espa\�\�a_Extended.pdf
6. Excerpts from The Unicode Standard, Version 4.0 (http://www.unicode.org/versions/Unicode4.0.0
/ch07.pdf\#search=\%22character\%20U\%2B2126\%20maps\%20OR\%20map\%20OR\%20mapping\%22). Retrieved 11 October 2006.
7. Unicode Code Charts: Greek and Coptic (Range: 0370-03FF) (http://www.unicode.org/charts/PDF/U0370.pdf)

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Categories: Greek letters Vowel letters

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